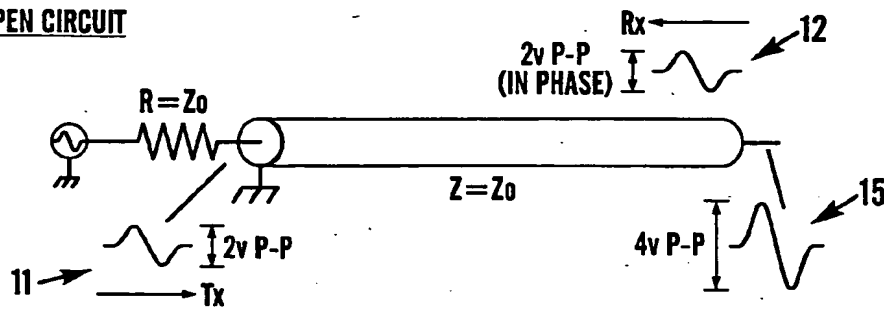
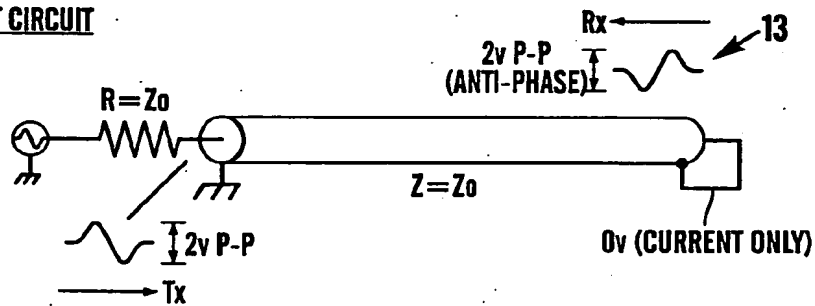


**OPEN CIRCUIT****SHORT CIRCUIT****Fig. 1**

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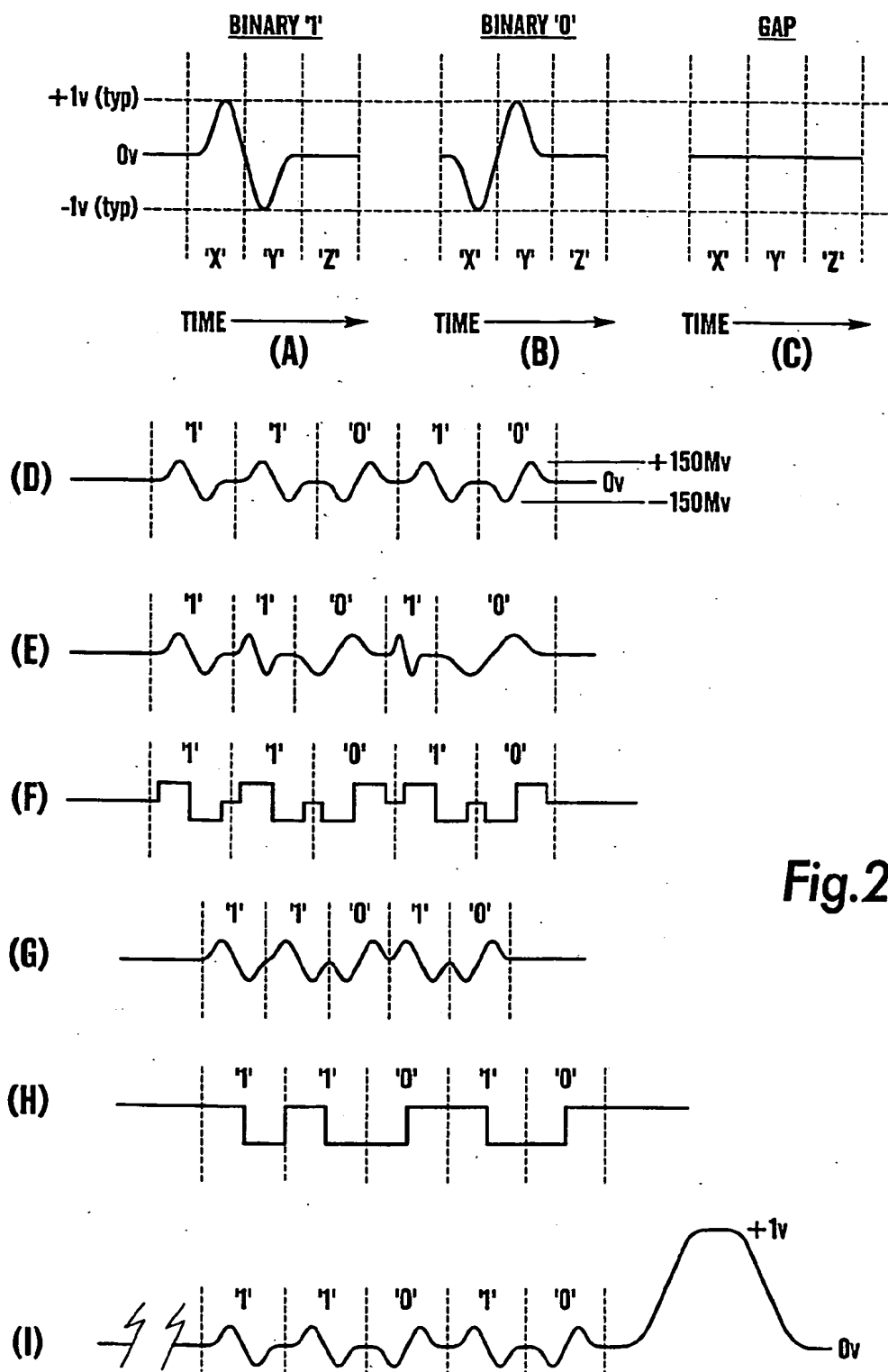


Fig.2

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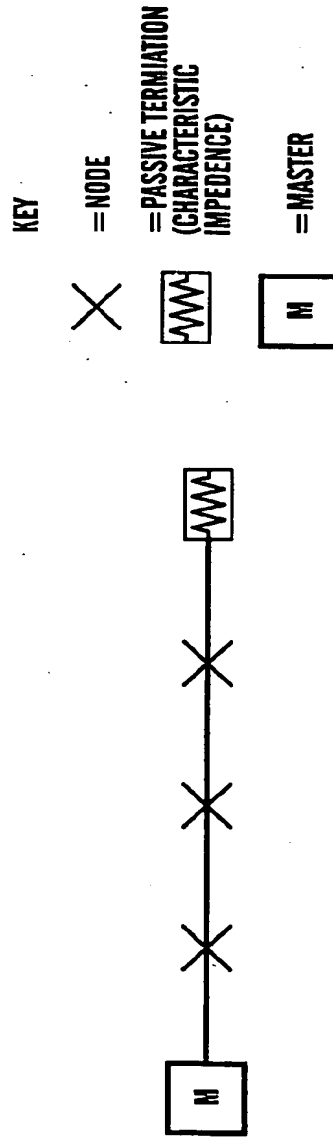
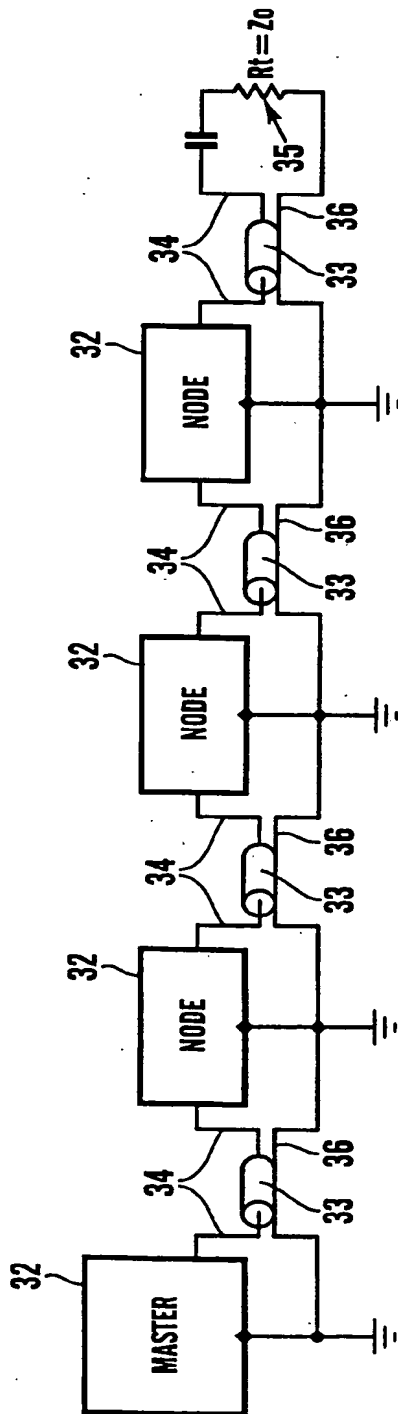


Fig.3

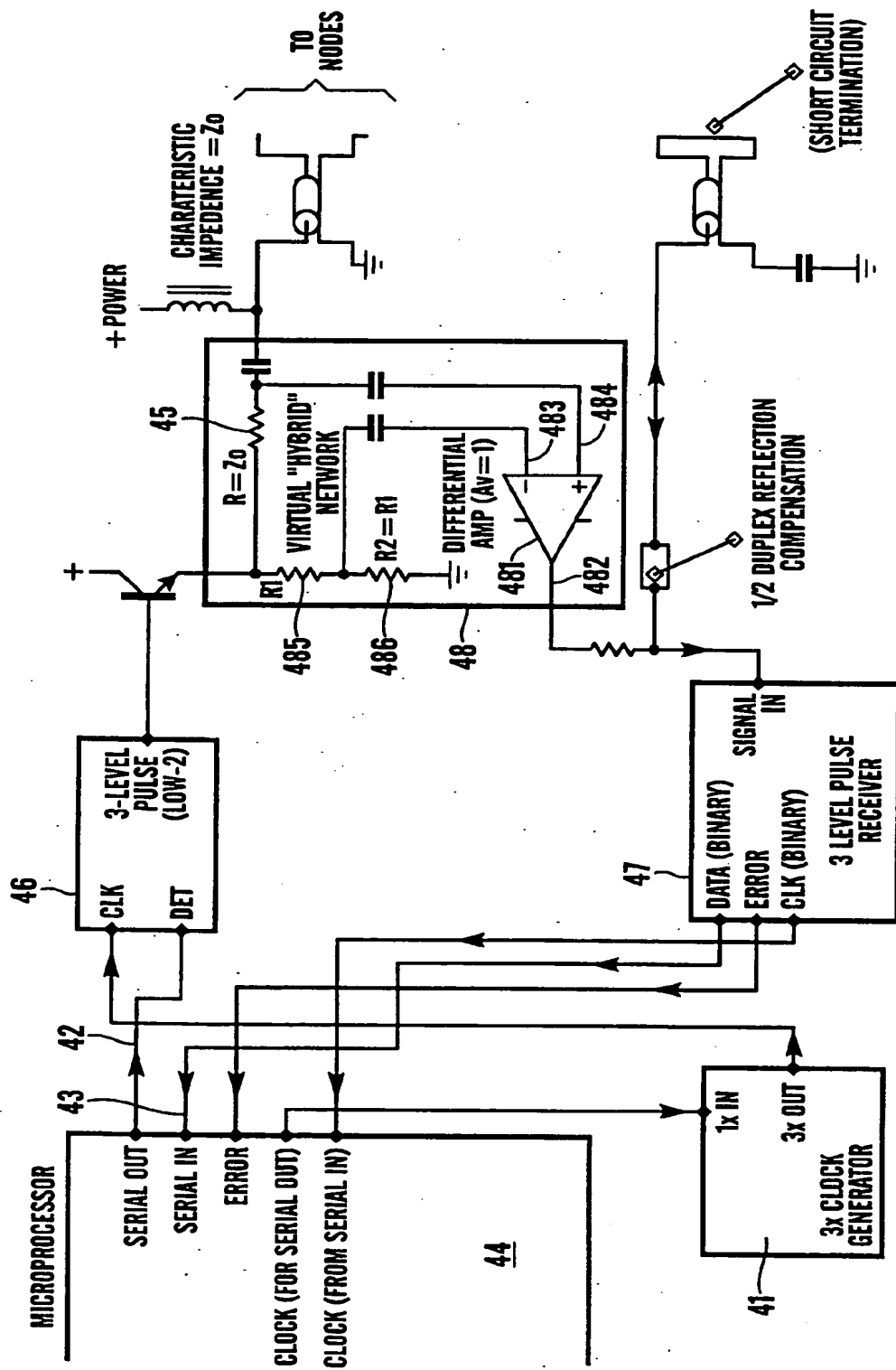
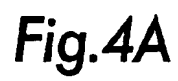


Fig.4



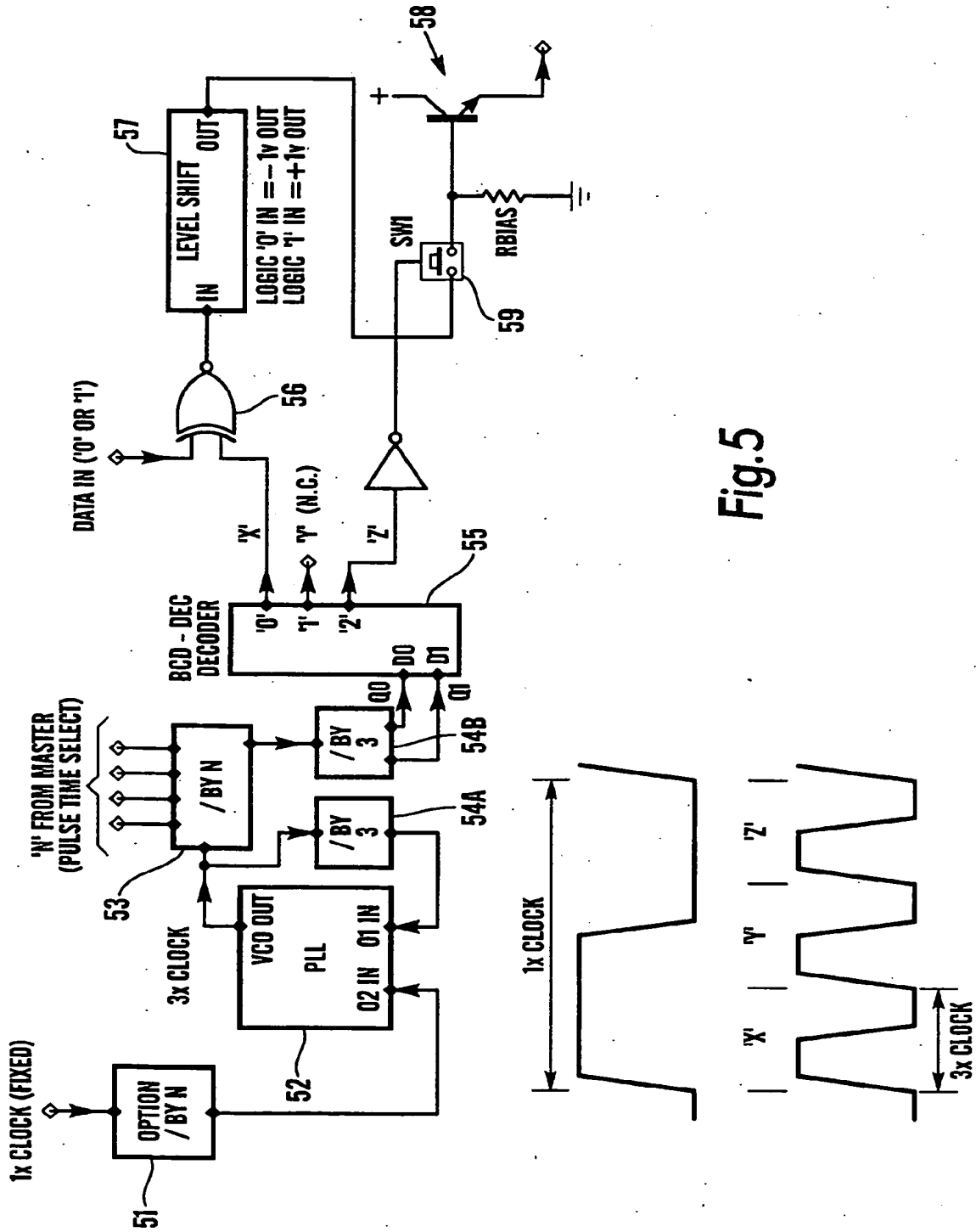


Fig.5

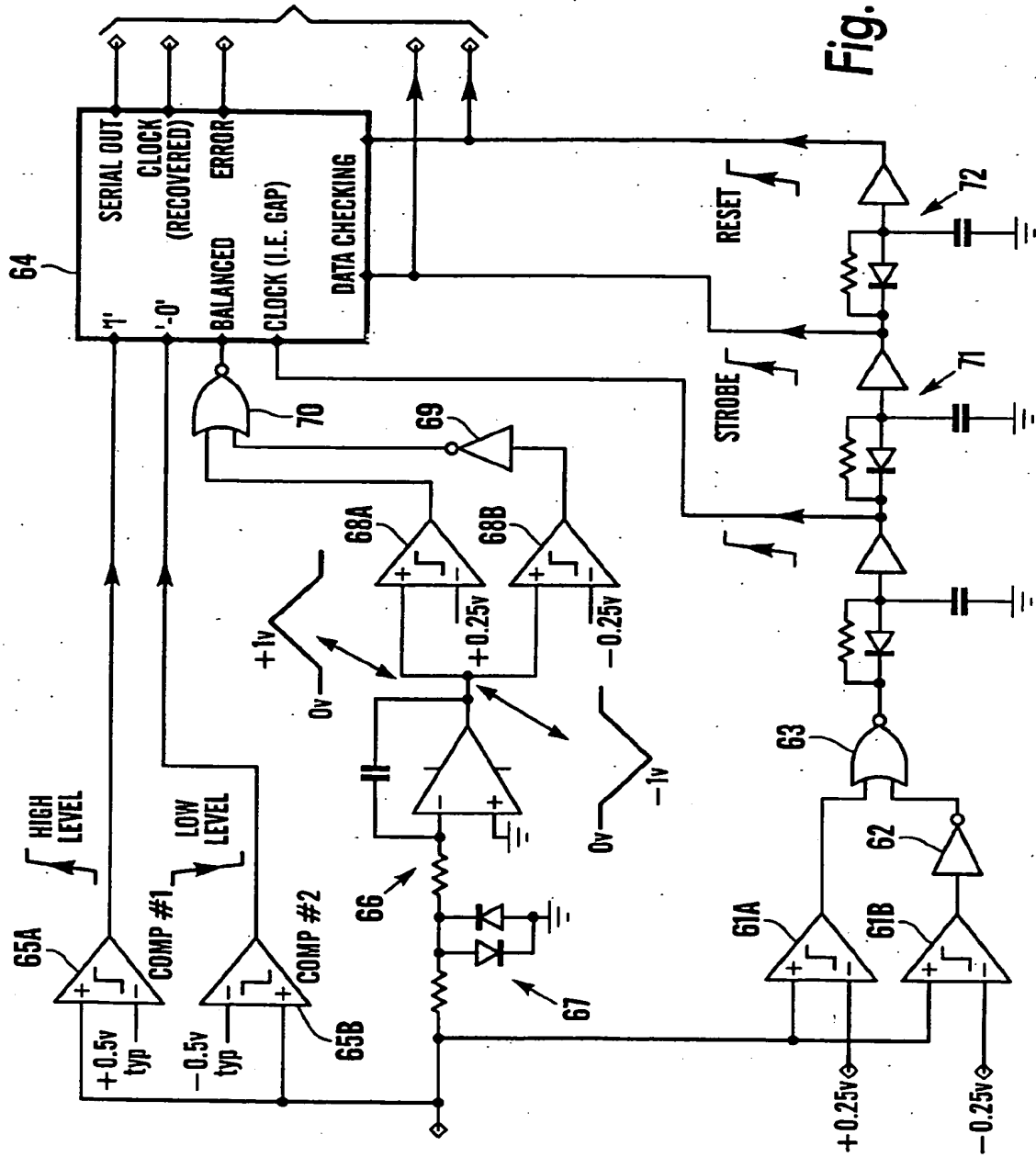


Fig. 6

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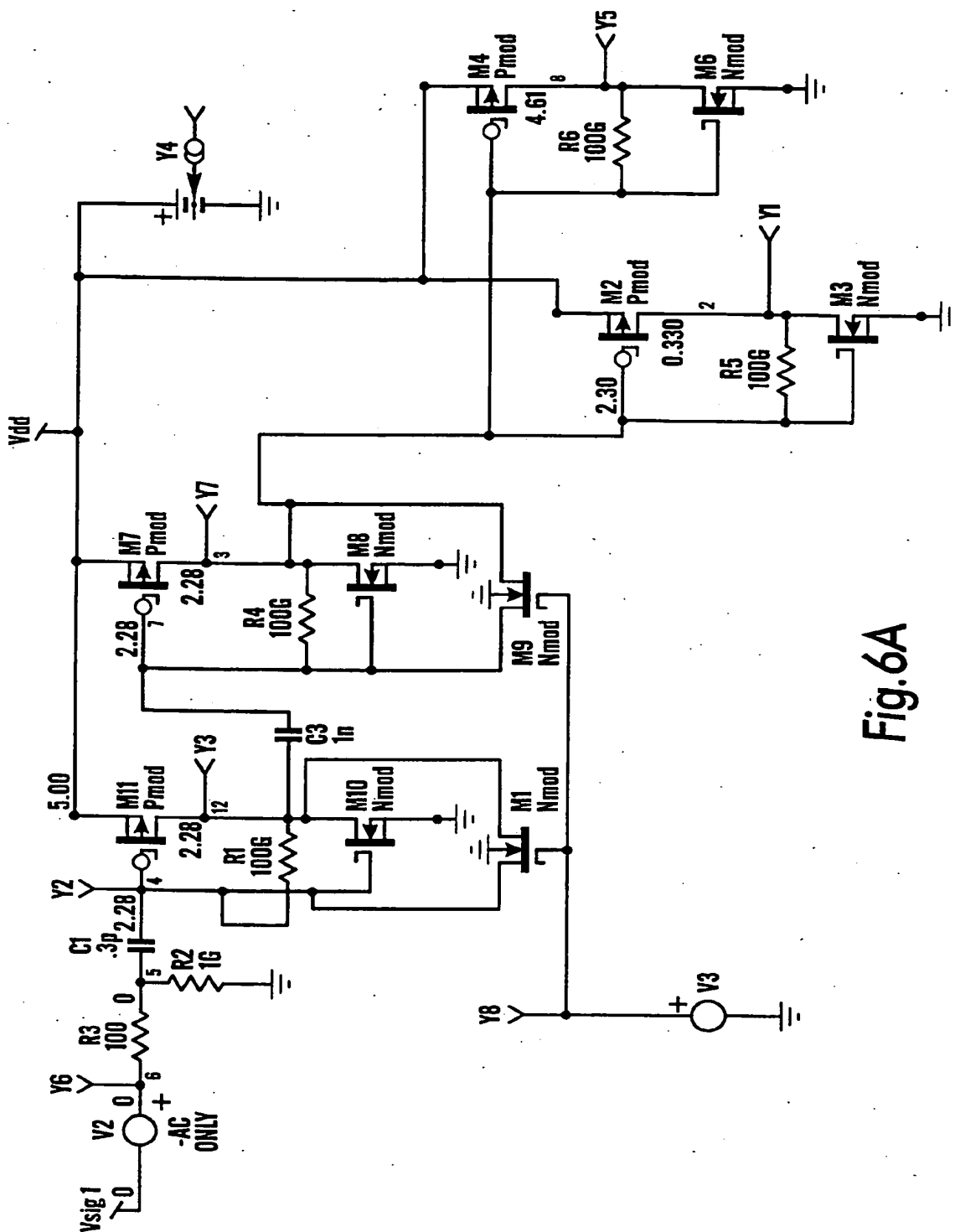


Fig.6A



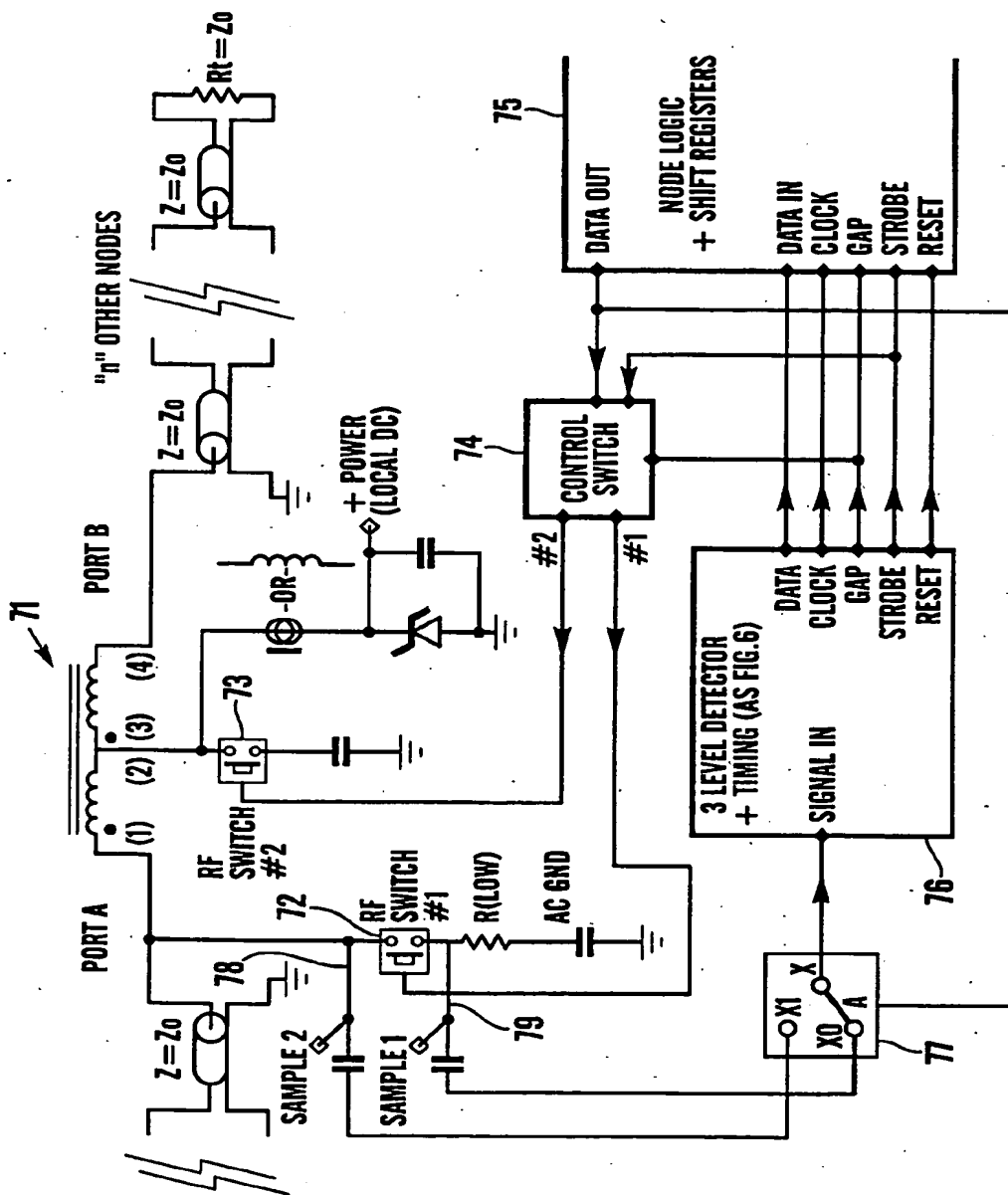


Fig.7

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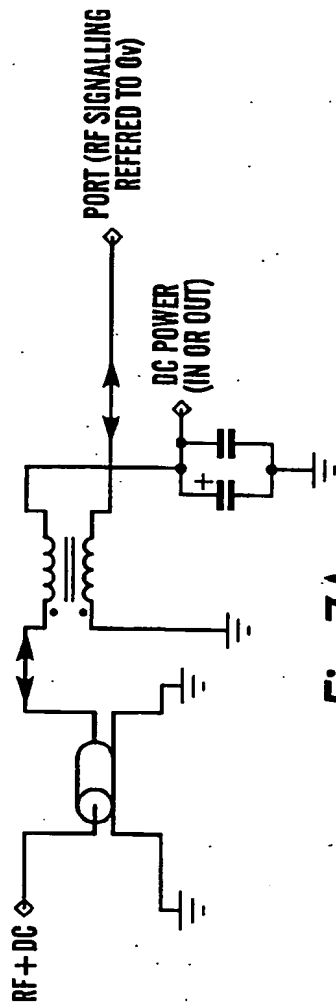


Fig.7A

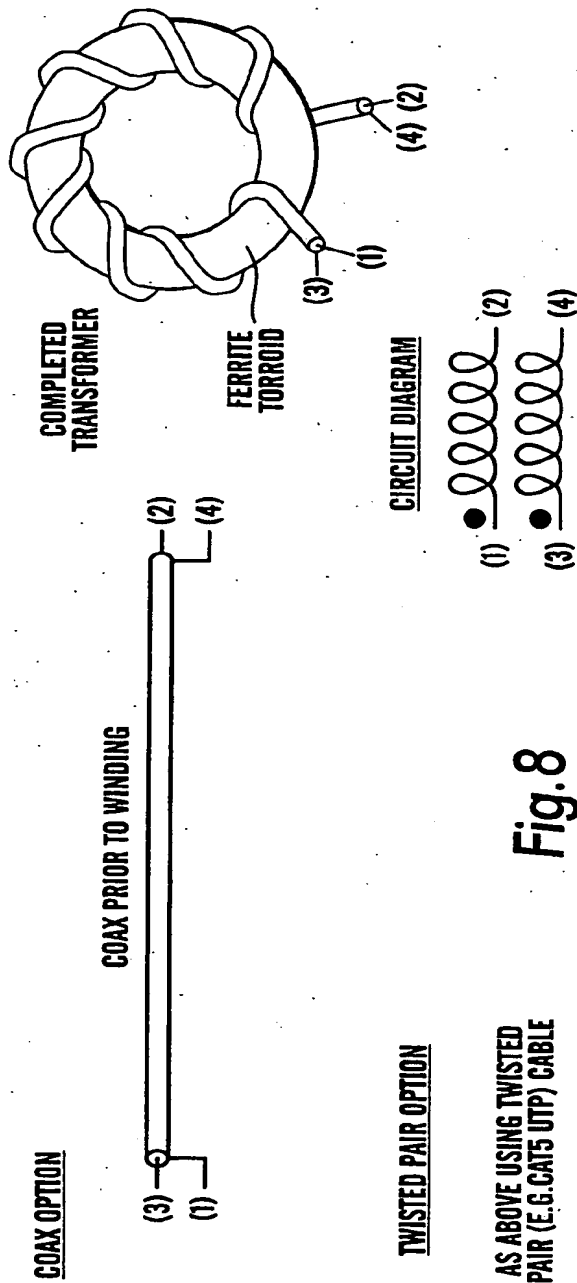


Fig.8

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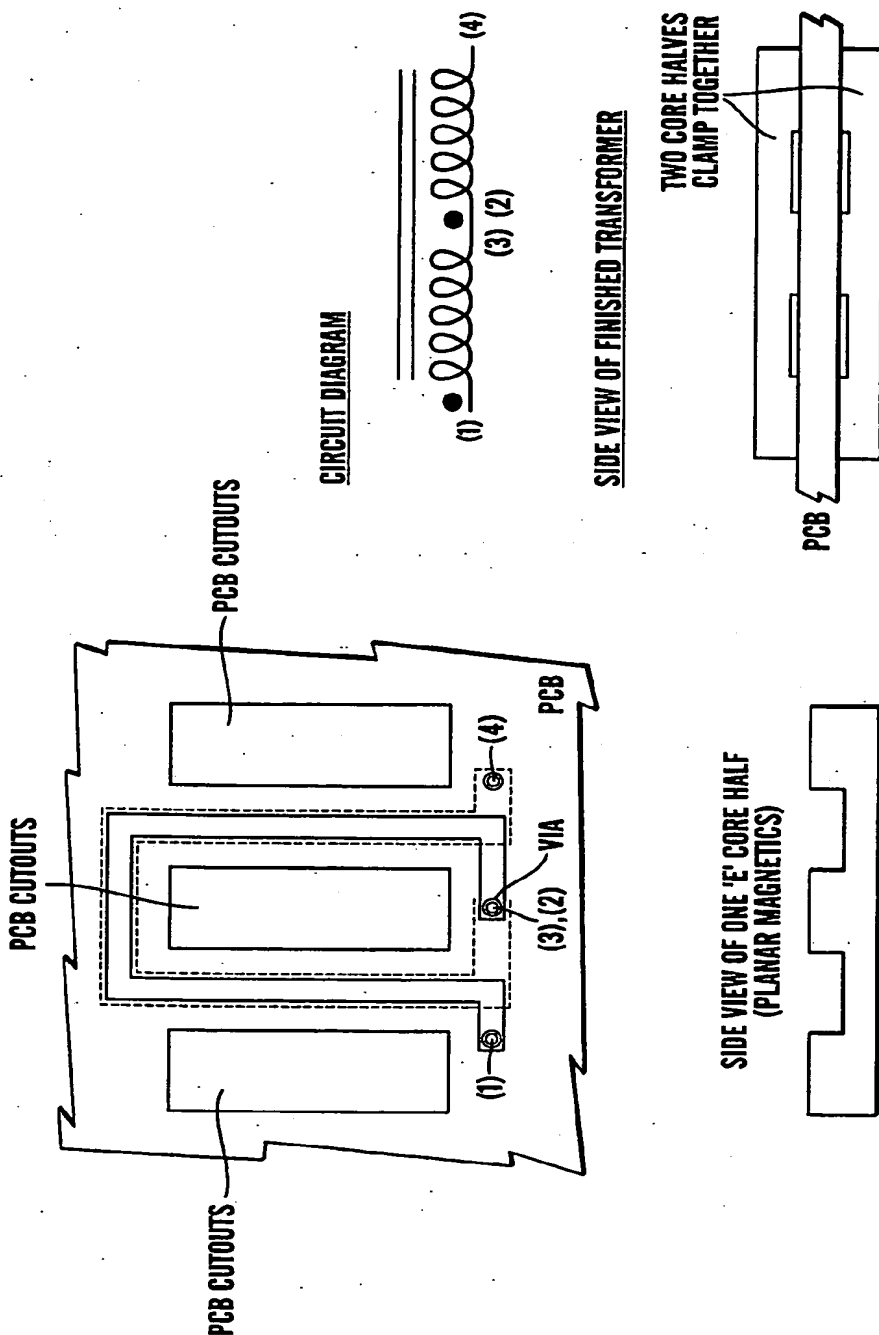


Fig.9

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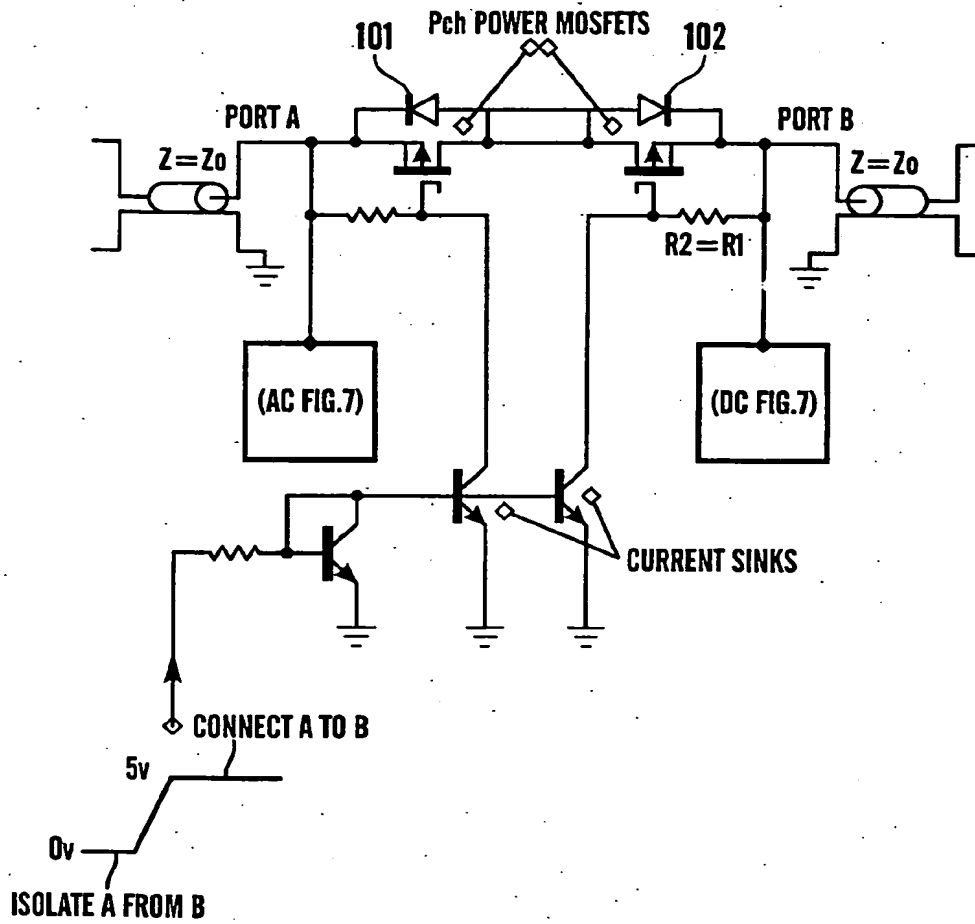
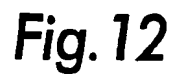
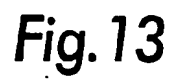


Fig.10







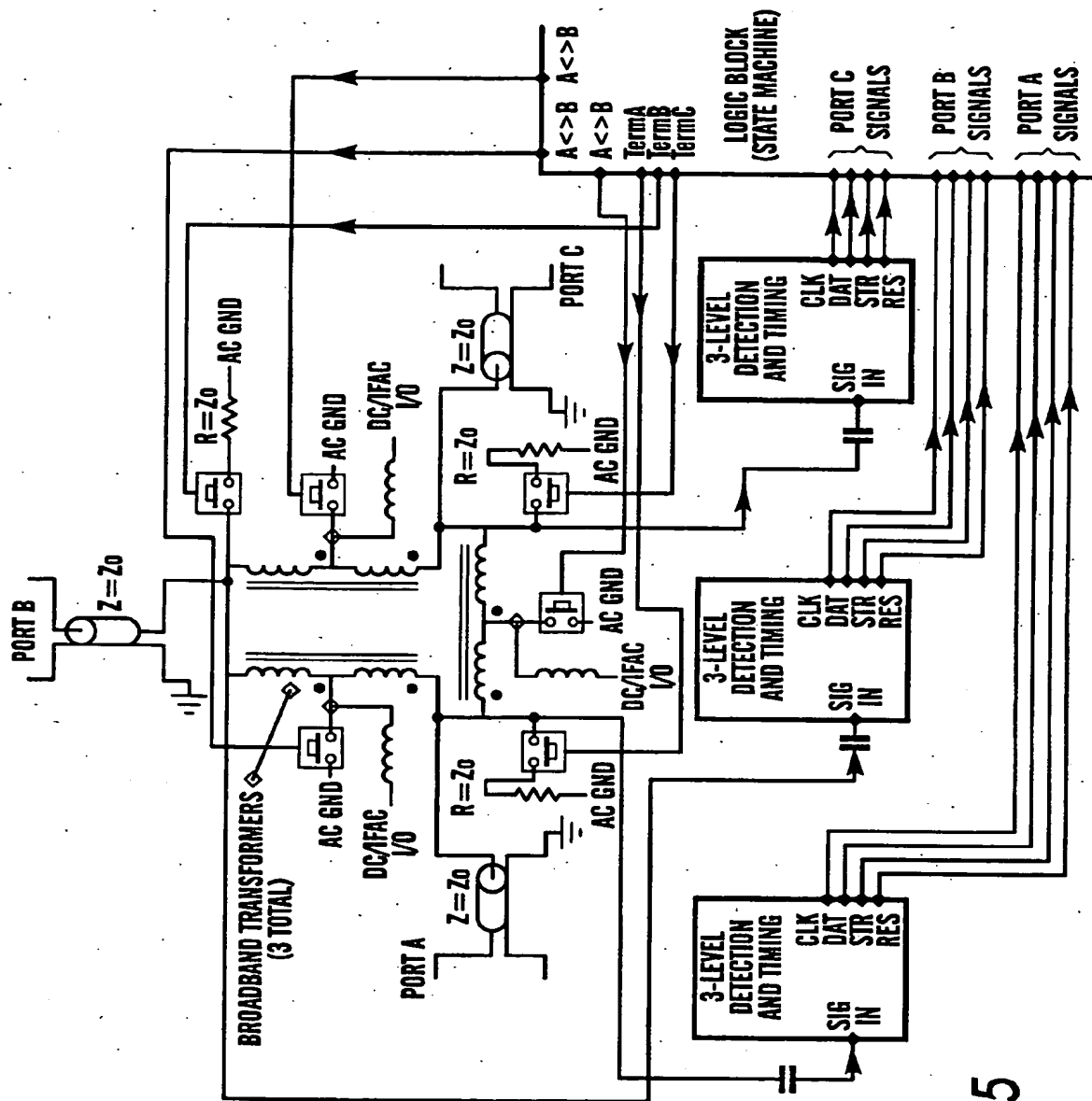


Fig. 15



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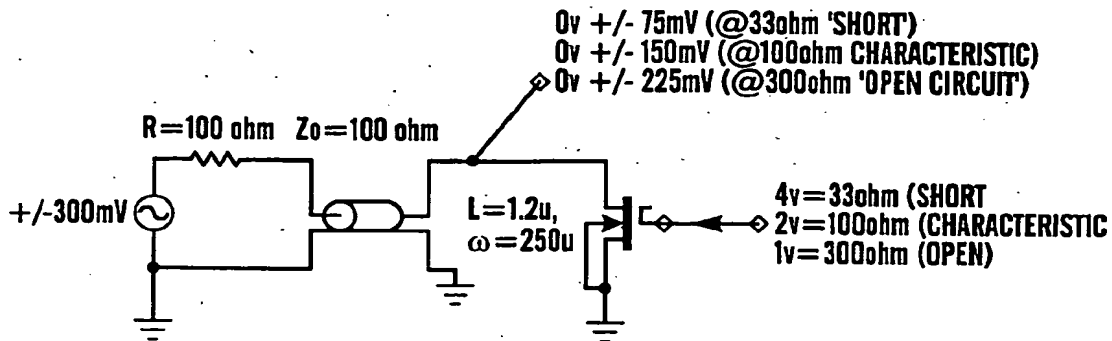


Fig. 15A

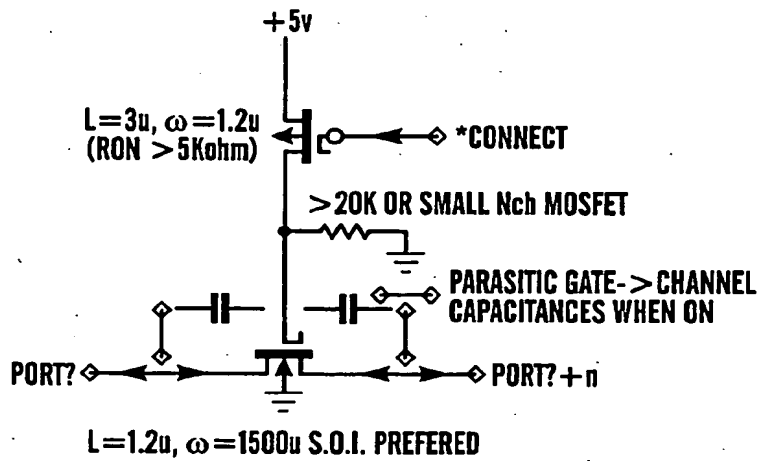


Fig. 15B

000720" 00057960

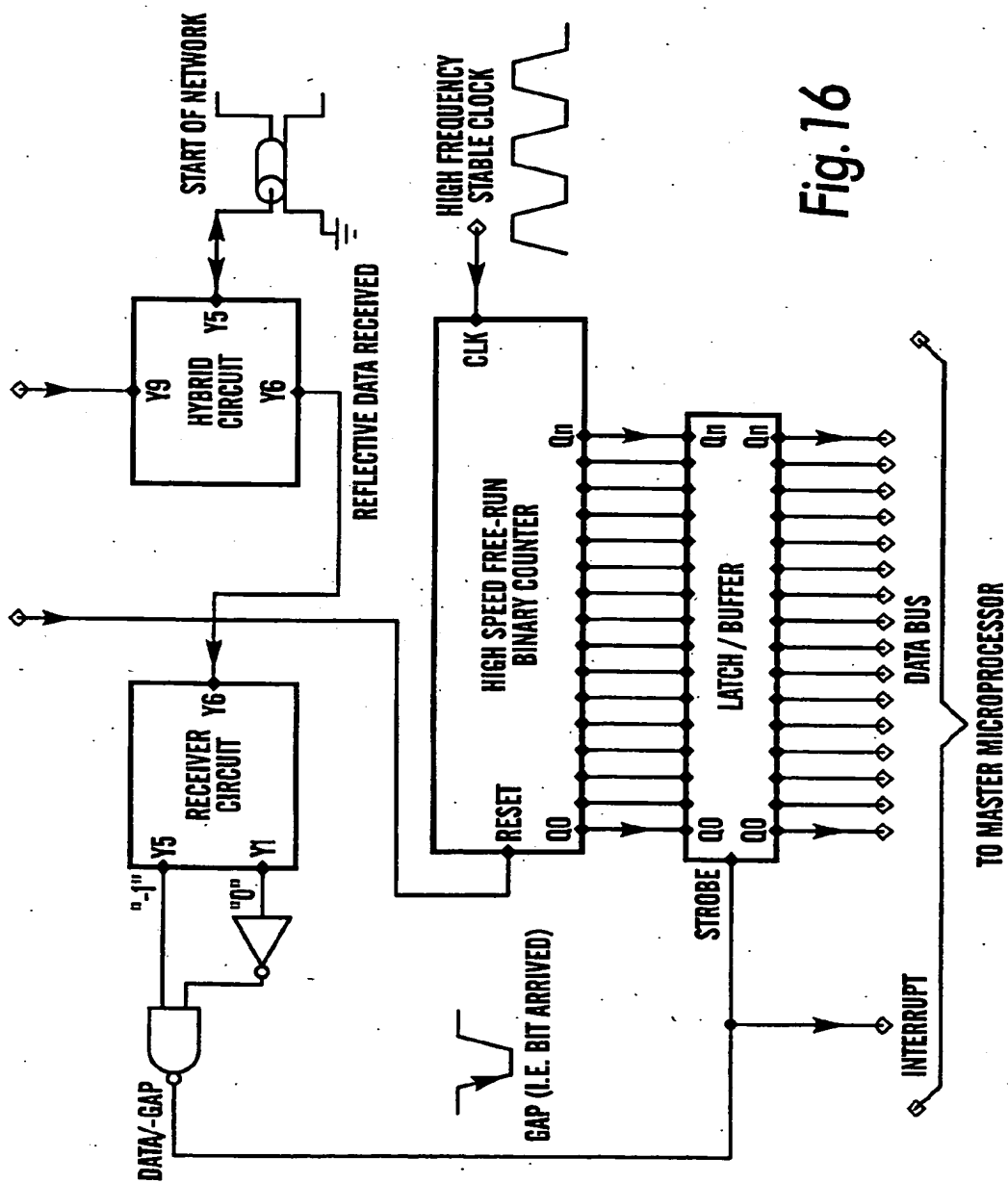
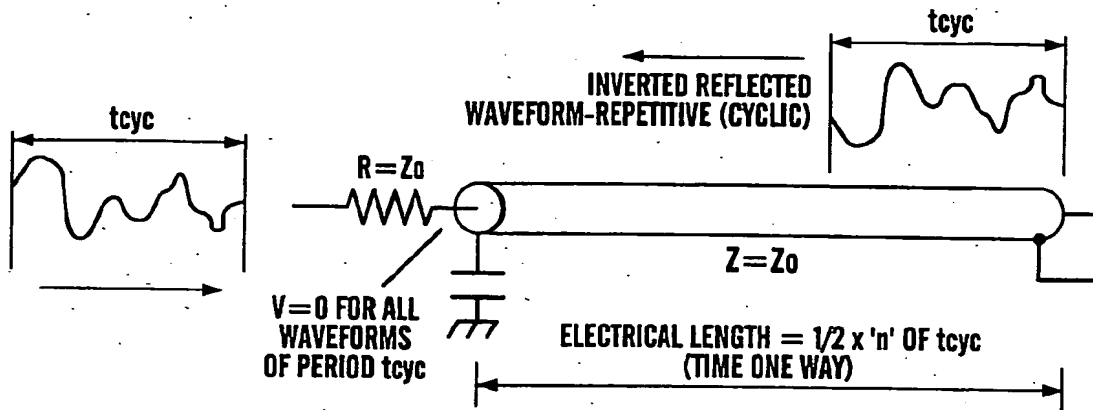


Fig. 16



MEMORY EFFECT ON WANTED SIGNALS WHEN THEN COMBINED AT THE COAX ENTRANCE  
(SPURIOUS SIGNALS HAVING BEEN MOVED)

$$\begin{array}{ccccc}
 \text{WAVEFORM 1} & + & \text{WAVEFORM 2} & = & \text{WAVEFORM 3} \\
 \text{(INCOMING SIGNAL)} & & \text{(RETURNING SIGNAL)} & & \text{(RESULT)} \\
 \text{WAVEFORM 4} & + & \text{WAVEFORM 5} & = & \text{—}
 \end{array}$$

$$\begin{array}{ccccc}
 \text{WAVEFORM 6} & + & \text{WAVEFORM 7} & = & \text{WAVEFORM 8} \\
 \text{(INCOMING SIGNAL)} & & \text{(RETURNING SIGNAL)} & & \text{(RESULT)} \\
 \text{WAVEFORM 9} & + & \text{WAVEFORM 10} & = & \text{—}
 \end{array}$$

Fig. 17

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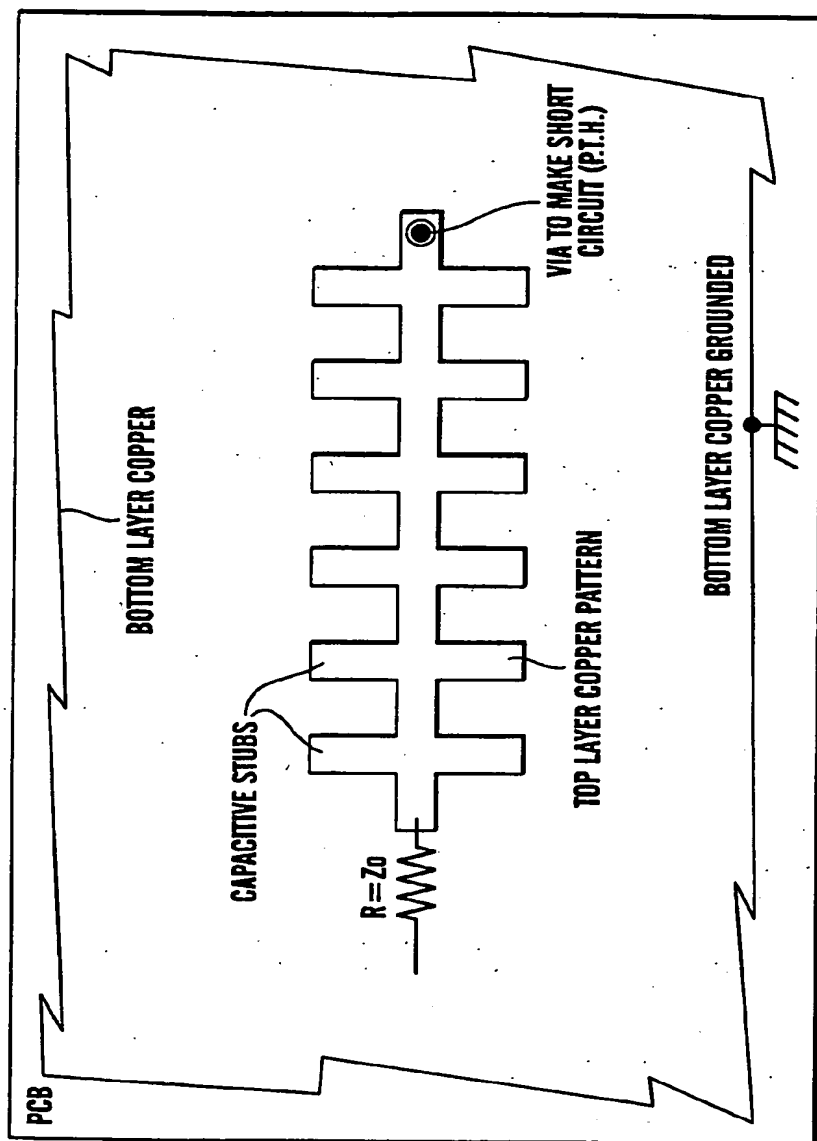


Fig.18